

Year 10 Product Plaque



You will learn how to combine materials and techniques by researching, designing and making a plaque which identifies students' name and candidate number.

KEY WORDS

Timber
Acrylic
Aluminium
Biomimicry
Barbara Hepworth

Norman Foster
Natural forms
Adhesive
Vice
Hegner saw

Tennon saw
Coping saw
Pilar drill
Belt sander
Line bender

Oven
Laser cutter
2D Design
Illustrator
ACCESSFM




Wider Study Opportunities?

Careers - Designer, Entrepreneur, Trades, Home DIY, Personal projects, Apprenticeships, STEAM


GCSE and A-Levels - Art, Graphics, Textiles, Photography, Product Design




Some of your learning will include:


 Understanding the structure of a GCSE Product Design project alongside the expectations and assessment criteria.


 Using biomimicry to influence your own design for a personalised plaque which will feature your name and candidate number.

 Your project will develop through a series of design and making processes which consolidate your health and safety knowledge while revisiting and learning new technical and practical skills.


Assessment and Feedback:

 **Assessment Objective 1:** Demonstrates an ability to develop ideas through investigations, demonstrating an understanding of sources.

 **Assessment Objective 3:** Demonstrates an ability to record ideas, observations and insights relevant to intentions as work progresses.

 **Assessment Objective 4:** Demonstrates an ability to present a final outcome that realises intentions and shows some opportunities for development.

Feedback Opportunities:

 Against the AQA specification looking for evidence of skills in AO1, AO2, AO3 and AO4. You will receive mid-project formal feedback mark alongside informal assessment methods on a lesson by lesson basis. You will collate your portfolio to produce a presentation board which summarises your product/project.

Why this? Why now?

This project will teach you how to use a range of materials including: acrylic, timber and aluminium. Learning this now will enable you to identify your strengths and weaknesses in order to improve and appropriately select materials for future projects.

You will also learn the expectations and requirements for a sustained GCSE project.

